NAME OF WORK : Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division

Sanctioned Tender Amount: Rs. 82,401,885.00

Operative Tender Premium

Name of contractor:M/s Ramkrishy Infrastructure Pvt LTD

WORKSLIP

Sl. No	Description of Item	Unit	As per Tender (BOQ)			Executed Qty	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount		Qty	Rate	Amount	Qty	Rate	Amount				
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	157.27	5563.25	874932.33	226.77	196.588	5563.25	1093665.409	13.18	5563.25	73337.5	1167002.953	292070.63	0	
20	Earthwork excavation By manual means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (5km lead = 57+2*1.28X5). completion of the work as per direction of engineer in charge of work.	Cum	589.99	390.78	230556.29	754.47	737.488	390.78	288195.3653	16.98	390.78	6636.42	294831.7866	64275.49	0	
21	Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge at the site.completion of the work as per direction of engineer in charge of work.	cum	285.00	2206.05	628724.25	362.88	356.25	2206.05	785905.3125	6.63	2206.05	14626.1	800531.424	171807.17	0	
23	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar including cutting, griding the edg. to half/full round wherever required, labour, curing complete as per specification. completion of the work as per direction of engineer in charge of work.	Sqm	111.54	1319.59	147187.07	164.32	139.425	1319.59	183983.8358	24.90	1319.59	32851.2	216835.0358	69647.96	0	
41	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clodscomplete as per specifications and directions of the Engineer in charge.	Cum	113.17	327.25	37034.88	480.85	141.463	327.25	46293.60813	339.09	327.25	110966	157259.9875	120225.11	0	

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43	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Cum	6.02	5568.06	33519.72	9.09	7.53	5568.06	41899.65	1.57	5568.06	8714.01	50613.67	17093.94	0.00	
44	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	119.47	5917.45	706957.75	122.31	122.31	5917.45	723783.31	0.00	5917.45	0.00	723783.31	16805.56	0.00	
45	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charg	Cum	1.70	5015.59	8526.50	6.24	2.125	5015.59	10658.12875	4.12	5015.59	20639.15	31297.2816	22770.78	0	
46	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering wi' lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Cum	25.29	219.45	5549.89	93.04	31.6125	219.45	6937.363125	61.43	219.45	13480.26	20417.628	14667.74	0	
50	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. complete as per specifications and directions of the Engineer in charge.	Sqm	13.60	497.61	6767.50	106.56	17	497.61	8459.37	89.56	497.61	44565.95	53025.3216	46257.83	0	
52	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	7.20	823.90	5932.08	20.57	9	823.90	7415.1	11.57	823.90	9532.523	16947.623	11015.54	0	
55	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached piasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	80.15	6342.88	508381.83	85.78	85.78	6342.88	544092.2464	0.00	6342.88	0	544092.2464	35710.41	0	
56	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per complete as per specifications and directions of the Engineer in charge.	Cum	23.74	6597.94	156635.10	39.55	29.675	6597.94	195793.8695	9.88	6597.94	65154.66	260948.527	104313.43	0	

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63	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	462.73	283.94	131387.56	478.36	478.36	283.94	135825.5384	0.00	283.94	0	135825.5384	4437.98	0	
64	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .complete as per specifications and directions of the Engineer in charge.	Sqm	545.69	222.34	121328.71	631.21	631.21	222.34	140343.2314	0.00	222.34	0	140343.2314	19014.52	0	
65	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	92.19	223.30	20586.03	129.60	115.238	223.30	25732.53375	14.36	223.30	3207.15	28939.68	8353.65	0	
68	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. complete as per specifications and directions of the Engineer in charge.	Sqm	545.69	98.18	53575.84	631.21	631.21	98.18	61972.1978	0.00	98.18	0	61972.1978	8396.35	0	
69	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	59.40	128.01	7603.79	437.53	74.25	128.01	9504.7425	363.28	128.01	46503.5	56008.2153	48404.42	0	
70	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	469.63	370.56	174026.09	478.36	478.36	370.56	177261.0816	0.00	370.56	0	177261.0816	3234.99	0	
71	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer in charge.	kgs	236.25	102.99	24331.39	1117.20	295.313	102.99	30414.23438	821.89	102.99	84646.2	115060.428	90729.04	0	

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74	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specifications and directions of the Engineer in charge.	Sqm	28.52	1240.66	35383.62	162.32	35.65	1240.66	44229.529	126.67	1240.66	157154	201383.9312	166000.31	0	
75	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge.	Sqm	6.96	1320.55	9191.03	102.50	8.7	1320.55	11488.785	93.80	1320.55	123868	135356.375	126165.35	0	
76	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	Sqm	87.36	1780.63	155555.84	174.84	109.2	1780.63	194444.796	65.64	1780.63	116881	311325.3492	155769.51	0	
77	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification and directions of the Engineer in charge.	Sqm	1.60	196.35	314.16	16.50	2	196.35	392.7	14.50	196.35	2347.08	3239.775	2925.62	0	
78	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification and directions of the Engineer in charge.	Sqm	70.04	573.65	40178.45	67.32	67.32	573.65	38618.118	0.00	573.65	0	38618.118	-1560.33	0	
86	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	sqm	28.50	102.99	2935.22	52.48	35.625	102.99	3669.01875	16.86	102.99	1735.9	5404.9152	2469.70	0	

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87	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. complete as per specifications and directions of the Engineer in charge.	Sqm	1379.76	750.75	1035854.82	1521.66	1521.66	750.75	1142386.245	0.00	750.75	0	1142386.245	106531.43	0	
90	Supply and Installation of approved Wooden Floor for Indoor Hall - Maple Flooring with PU Scaler and coat polish 20mm,thickness*60mm width*2000mm, third &better grade treated sleepers of size 30*60mm to be installed 30cm center to center 20mmm professional EPDM rubber pad inclusive of HOM, labour etc. complete as per specifications and directions of the Engineer in charge.	Sqm	531.36	15159.38	8055088.16	611.38	611.38	15159.38	9268141.744	0.00	15159.38	0	9268141.744	1213053.59	0	
92	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. complete as per specifications and directions of the Engineer in charge.	Each	2.00	163.63	327.26	6.00	2.5	163.63	409.075	3.50	163.63	572.705	981.78	654.52	0	
93	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and directions of the Engineer in charge.For Rain water pipe.do - 110 mm dia	m	40.00	473.55	18942.00	166.40	50	473.55	23677.5	116.40	473.55	55121.2	78798.72	59856.72	0	
94	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications and directions of the Engineer in charge.For Rain water pipe. do- 160mm dia	m	40.00	930.74	37229.60	40.98	40.98	930.74	38141.7252	0.00	930.74	0	38141.7252	912.13	0	

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95	Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Each	2.00	5409.25	10818.50	4.00	2.5	5409.25	13523.125	1.50	5409.25	8113.88	21637	10818.50	0	
99	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.	Each	2.00	154.00	308.00	4.00	2.5	154.00	385	1.50	154.00	231	616	308.00	0	
101	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,)complete as per specifications and directions of the Engineer in charge.20mm nominal OD pipes	m	40.00	256.03	10241.20	52.00	50	256.03	12801.5	2.00	256.03	512.06	13313.56	3072.36	0	
115	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box ,the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet.Medium point above 3m - 6m .complete as per specifications and directions of the Engineer in charge	Point	10.00	277.20	2772.00	75.00	12.5	277.20	3465	62.50	277.20	17325	20790	18018.00	0	

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116	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary .25mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Mtr	37.80	52.94	2001.13	60.00	47.25	52.94	2501.415	12.75	52.94	674.985	3176.4	1175.27	0	
125	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified iS-694: confirming to Latest amendements.2.5sqmm. complete as per specifications and directions of the Engineer in charge.	Mtr	45.30	31.76	1438.73	900.00	56.625	31.76	1798.41	843.38	31.76	26785.6	28584	27145.27	0	
126	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements.4sqmm. complete as per specifications and directions of the Engineer in charge.	Mtr	205.40	45.24	9292.30	480.00	256.75	45.24	11615.37	223.25	45.24	10099.8	21715.2	12422.90	0	
130	Supplying, fixing and wiring earth electrode for grounding conduits , I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit.. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia, ..complete as per specifications and directions of the Engineer in charge.	No	1.00	3031.88	3031.88	4.00	1.25	3031.88	3789.85	2.75	3031.88	8337.67	12127.52	9095.64	0	
140	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' cure, indicator ON/OFF, energy cross-3 with Short circuit breaking cappacity of 10K and complete wiring as required. Confirming to IEC 60898. 40-63Amps TPN.complete as per specifications and directions of the Engineer in charge	Each	8.00	1956.76	15654.08	16.00	10	1956.76	19567.6	6.00	1956.76	11740.6	31308.16	15654.08	0	
	Total				**27685958.05**				**33397134.68**			**3429322**	**36836457.03**	**9150498.98**		

Percentage of excess comparing to the sanctioned Estimated cost **11.10**

Total workslip amount **9150498.98**

Allready approveed workslip amount **4429655**

Want of Approval **4720843.98**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

9150498
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Excess Amt
App w.r.t
=11.10%

ಮುಖ್ಯ ಅಭಿಯಂತರರು,
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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PWG -71 EXTRA ITEM RATE LIST STATEMENT

AME OF WORK : Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing ments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing nd Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division

EIRL

: Bruhat Bangalore Mahanagara palike

y : M/s Ramkrishy Infrastructure Pvt Ltd

Item of Work	Unit	Approximate Quantity	Rate	Amount In Rs	Whether the items are alternative to items in the tender or wherther they are additional items (If items are in lieu of some items in the accepted tender, such items should be metioned	Wherther the extra item is included in the sanctioned estimate	How the extra cost of the item is propposed to be met	Whether the extra item is included in the suchedule of rate of the Division. If so reference to this item of the schedule to be given , if not data sheets should accompany the rate list	Remarks
Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lis confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Cum	622.22	277.06	172392.2732	Extra	No	General saving	YES	
Supplying and fixing M.S rectangular poles made out of two equal angles of 65X65X6 mm welded together and fixed in CC 1:2:4 with two numbers 16mm dia M.S hold fast rods each of length 25cms including cost of all materials cutting, bending scaffolding whereever necessary, nicely finishing the welded jonts with all lead lift and as per the direction of engineer incharge of the work and including providing two coats of approved quality paint over coat of shop painting (excluding cost of earthwork and concrete)..complete as per specifications and directions of the Engineer in charge.	Kg	751.7	439.59	330439.803	Extra	No	General saving	YES	

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3	Fabricating, providing and erecting in poiston of M.S. Ornamental security Grill Gate without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at.the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for square bars of full height and at 8cms C / C for bottom rods providing ornamental C I Designers at the bottom and CI arrows in the midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drilling holes, the work includes providing two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings	Kg	1920	142.56	273715.2	Extra	No	General saving	YES	
	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	287.19	2059.43	591443.5828	Extra	No	General saving	YES	

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KSRB 7.14 : Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grovesection 2.683 kg/m and bottom 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick prelaminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required length:s, joints mitered and corners grinded subdividing frames tenoned and riveted to the frames, the assembled frame should be stiffered with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chisting and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the glass and panels fitted with glazing clips of 19mmx17.3mm. with thickness of 0.9mm. weight 0.124kg/m; aluminium sections pre-treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherence of mortars or any other sticky materials; vertical members embedded in the flooring by making suitable size holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding cost of door opening) All the frame should be throughly cleaned free from rust, scale or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	Sqm	29.88	5132.26	153351.9288	Extra	No	General saving	YES
KSRB 7.17 : Providing, fabricating, assembling and fixing in positionaluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm,section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mmthickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazingclips 9x17.3x11mm thickness 0.9mm section weight 0.124kg/m;aluminium sections cut to length joint metred corners grinded, theshutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chisting and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM complete as per specifications -do- using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure	Sqm	11.14	6784.78	75582.4492	Extra	No	General saving	YES

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7	Providing and fixing Turbo Exhuast fan at the height of 11m making holes for fixing in roof sheets including all fixtures and labour charges and ceilent	No	8.00	12000.00	96000	Extra	No	General saving	NO	
8	Providing and Fixing LED LIGHTS Of length 0.9m including nets and bolts fixed over Exsiting pipe inclusive of labour charges etc	No	55.00	7000.00	385000	Extra	No	General saving	NO	
	Supplying and fixing Net pole total weight 200KG Material used :Carborudum poles guage 14gauge ,Top wheel type metal,Paint type EpoxyPainting Movable type Portable on wheels Height 5.1Ft Tappered box with Yonex Standard Net as per specification etc complete includiing transporation installation at site	No	4.00	32000.00	128000	Extra	No	General saving	NO	
	Providing and fixing windows blinds including top aluminium chanel with bearing 4inches fabric stripes with handling rod gear and total operating systems .The price inclusive of GST Transportion and installation complete as per the Direction in charge	Sqm	46.82	1530.15	71641.623	Extra	No	General saving	No	
	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of	Sqm	3.60	6567.71	23643.756	Extra	No	General saving	YES	
	EIRL TOTAL				2301210.62					

Total Amount of Sanctioned Tender	=	82401885.00
Net Excess Amount of EIRL	=	2301210.62
Total % excess to the Tendered Amount	=	2.79 %
Allready Approved in EIRL-1		776545.00
Now Approval Required		1524665.62

Assistant Engineer
Project Division

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